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FIG. 1

Indy ORF

atggaaattgaaattggcgaacaacccagcctcgggtgaagtgtcceaacttcttcgctaaccactggaagggattggt
tgtgttctcgggtgcgctgtatgtctgcctgttatgtctgctaaacgaaggcgccgaatttcgggtgcatgtacctcttt
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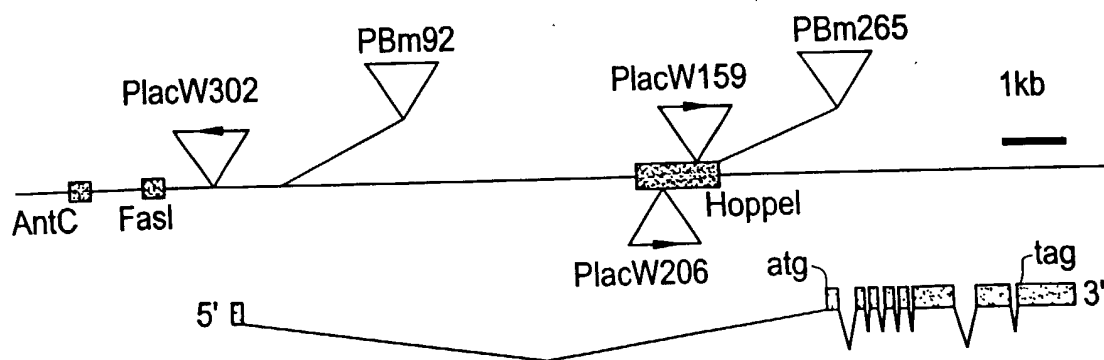
FIG. 2

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YLLLVMAIFWVTEALPLYVTSMIPIVAFPIMGIMSSDQTCRLYFKDTLVM
FMGGIMVALAVEYCNLHKRLALRVIQIVGCSPRRLHFGLIMVTMFLSMWI
SNAACTAMMCPIIQAVLEELQAQGVCKINHEPQYQIVGGNKKKNEDEPPY
PTKITLCYYLGIAYASSLGCGTIIGTATNLTFKGIYEARFKNSTEQMDF
PTFMFYSVPSMLVYTLLTFVFLQWHFMGLWRPKSKEAQEVQREGADVA
KKVIDQRYKDLGPMSIHEIQVMILFIFMVVMYFTRKPGIFLGWADLLNSK
DIRNSMPTIFVVVMCFMLPANYAFLRYCTRRGGPVPTGPTPSLITWKFIQ
TKVPWGLVFLLGGFALAECSKQSGMAKLIGNALIGLKVLPNSVLLLVVI
LVAVFLTAFSSNVAIANIIPVLAEMSLAIEIHPLYLILPAGLACSMFAH
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NLNSFPEWAQIYAAAALGNKTH



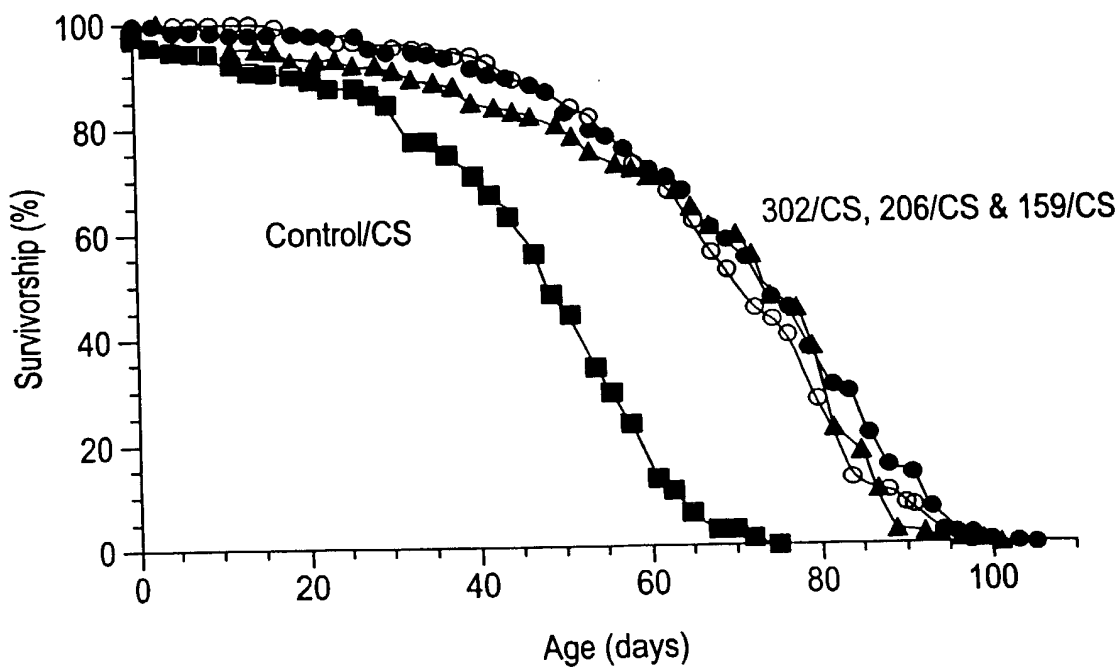
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FIG. 3



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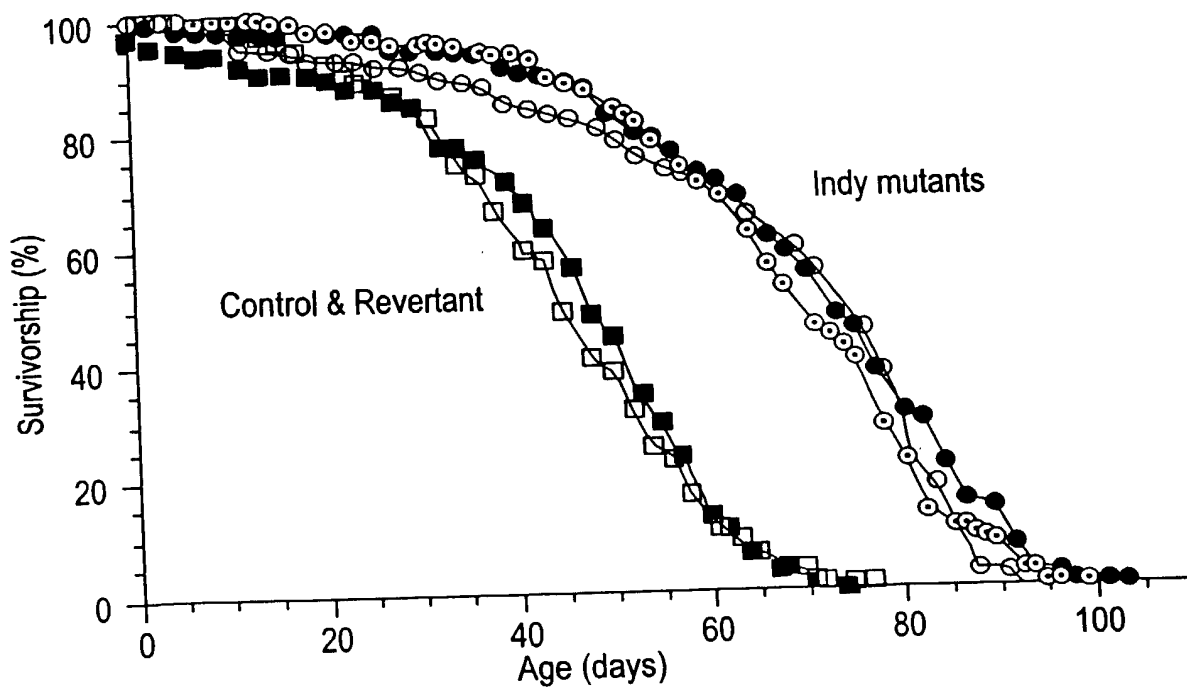
FIG. 4





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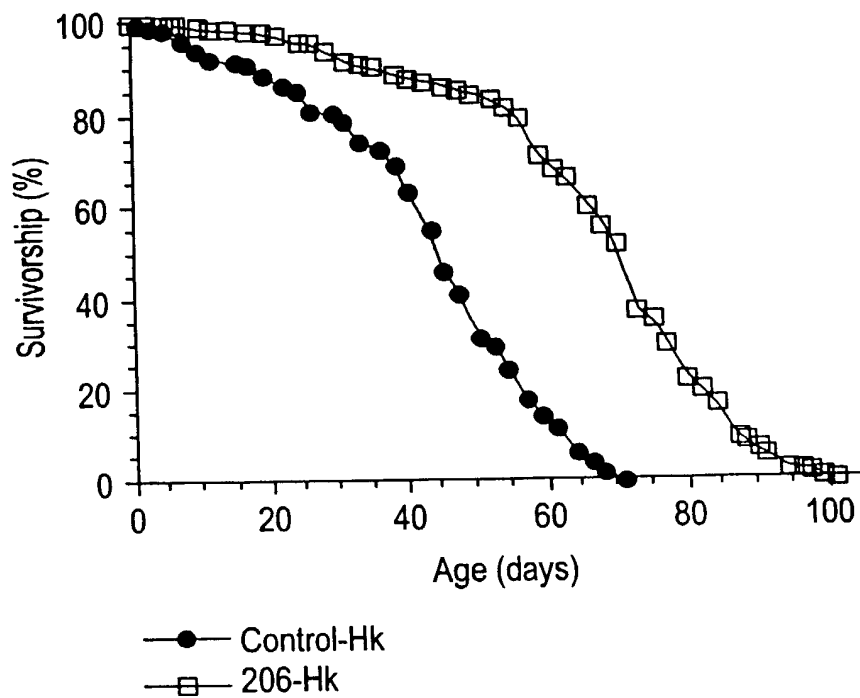
FIG. 5





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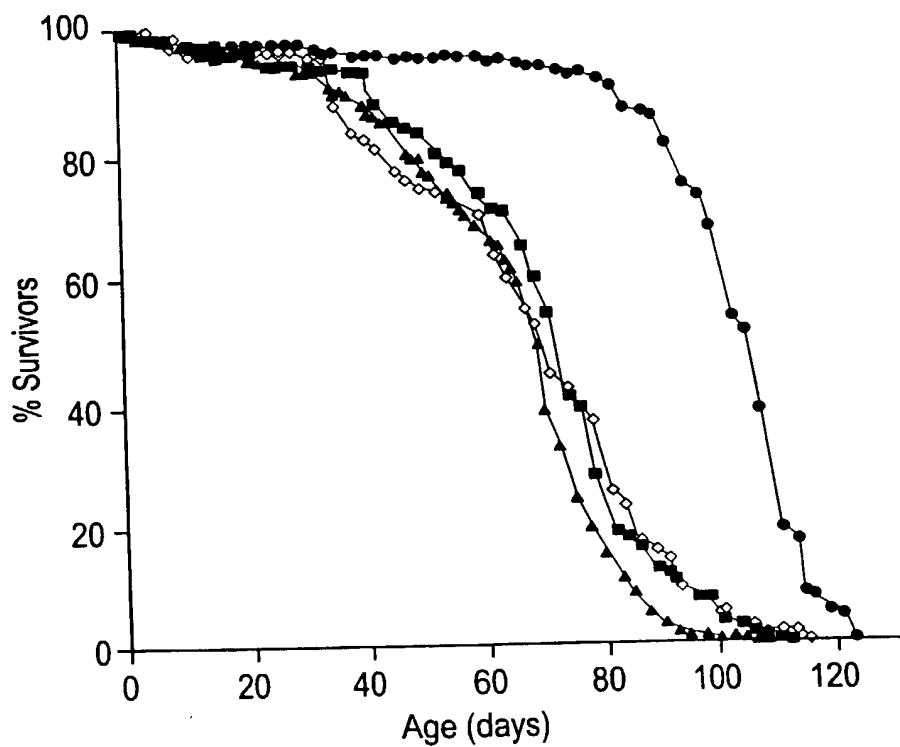
FIG. 6





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FIG. 7



- 1L6 & 206
- 1L6 & wg
- ▲— 1L6
- ◇— 1L6 & 1085



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FIG. 8

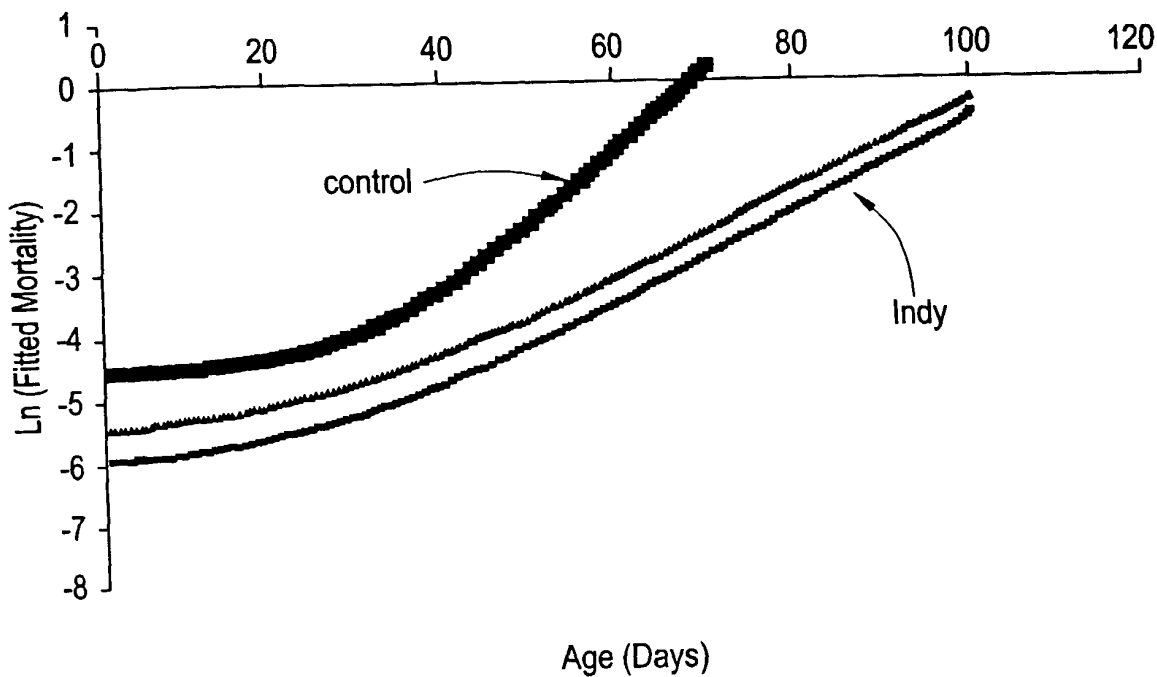




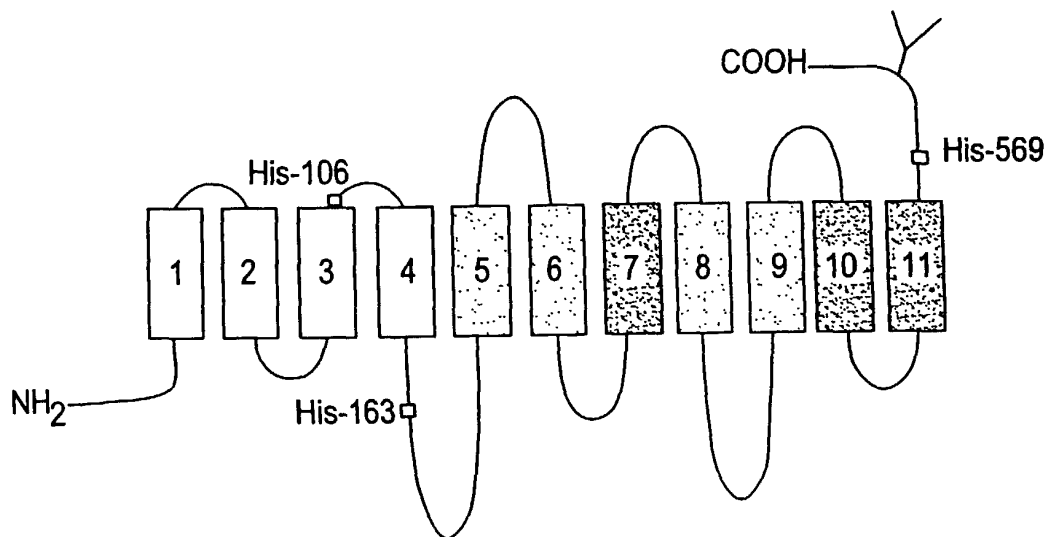
FIG. 9

INDY	102	MEI EI GEOPPPV	102	NEGAFFROMLLVMAIEMVTEALPLVVTSM	102	PIVAFFIMIGIVSSDCTLRVFKOTLVTEM	102
INDY-2	101	~MAEPGEORFV	101	~HWGASITPLITPL	101	YIAIPIVCTALP	101
hNaDC-1	100	~TATONQALWAYRFL	100	~YCAVAIIMAEVCTEALPLAVIAI	100	PILEPIMGVDASeVCEI	100
SDCT1	99	~TATONQALWAYRFL	99	~YCAVAIIMAEVCTEALPLAVIAI	99	PILEPIMGVDASeVCEI	99
SDCT2	98	~TATONQALWAYRFL	98	~YCAVAIIMAEVCTEALPLAVIAI	98	PILEPIMGVDASeVCEI	98
INDY	97	~TATONQALWAYRFL	97	~YCAVAIIMAEVCTEALPLAVIAI	97	PILEPIMGVDASeVCEI	97
INDY-2	96	~TATONQALWAYRFL	96	~YCAVAIIMAEVCTEALPLAVIAI	96	PILEPIMGVDASeVCEI	96
hNaDC-1	95	~TATONQALWAYRFL	95	~YCAVAIIMAEVCTEALPLAVIAI	95	PILEPIMGVDASeVCEI	95
SDCT1	94	~TATONQALWAYRFL	94	~YCAVAIIMAEVCTEALPLAVIAI	94	PILEPIMGVDASeVCEI	94
SDCT2	93	~TATONQALWAYRFL	93	~YCAVAIIMAEVCTEALPLAVIAI	93	PILEPIMGVDASeVCEI	93
INDY	92	~TATONQALWAYRFL	92	~YCAVAIIMAEVCTEALPLAVIAI	92	PILEPIMGVDASeVCEI	92
INDY-2	91	~TATONQALWAYRFL	91	~YCAVAIIMAEVCTEALPLAVIAI	91	PILEPIMGVDASeVCEI	91
hNaDC-1	90	~TATONQALWAYRFL	90	~YCAVAIIMAEVCTEALPLAVIAI	90	PILEPIMGVDASeVCEI	90
SDCT1	89	~TATONQALWAYRFL	89	~YCAVAIIMAEVCTEALPLAVIAI	89	PILEPIMGVDASeVCEI	89
SDCT2	88	~TATONQALWAYRFL	88	~YCAVAIIMAEVCTEALPLAVIAI	88	PILEPIMGVDASeVCEI	88
INDY	87	~TATONQALWAYRFL	87	~YCAVAIIMAEVCTEALPLAVIAI	87	PILEPIMGVDASeVCEI	87
INDY-2	86	~TATONQALWAYRFL	86	~YCAVAIIMAEVCTEALPLAVIAI	86	PILEPIMGVDASeVCEI	86
hNaDC-1	85	~TATONQALWAYRFL	85	~YCAVAIIMAEVCTEALPLAVIAI	85	PILEPIMGVDASeVCEI	85
SDCT1	84	~TATONQALWAYRFL	84	~YCAVAIIMAEVCTEALPLAVIAI	84	PILEPIMGVDASeVCEI	84
SDCT2	83	~TATONQALWAYRFL	83	~YCAVAIIMAEVCTEALPLAVIAI	83	PILEPIMGVDASeVCEI	83
INDY	82	~TATONQALWAYRFL	82	~YCAVAIIMAEVCTEALPLAVIAI	82	PILEPIMGVDASeVCEI	82
INDY-2	81	~TATONQALWAYRFL	81	~YCAVAIIMAEVCTEALPLAVIAI	81	PILEPIMGVDASeVCEI	81
hNaDC-1	80	~TATONQALWAYRFL	80	~YCAVAIIMAEVCTEALPLAVIAI	80	PILEPIMGVDASeVCEI	80
SDCT1	79	~TATONQALWAYRFL	79	~YCAVAIIMAEVCTEALPLAVIAI	79	PILEPIMGVDASeVCEI	79
SDCT2	78	~TATONQALWAYRFL	78	~YCAVAIIMAEVCTEALPLAVIAI	78	PILEPIMGVDASeVCEI	78
INDY	77	~TATONQALWAYRFL	77	~YCAVAIIMAEVCTEALPLAVIAI	77	PILEPIMGVDASeVCEI	77
INDY-2	76	~TATONQALWAYRFL	76	~YCAVAIIMAEVCTEALPLAVIAI	76	PILEPIMGVDASeVCEI	76
hNaDC-1	75	~TATONQALWAYRFL	75	~YCAVAIIMAEVCTEALPLAVIAI	75	PILEPIMGVDASeVCEI	75
SDCT1	74	~TATONQALWAYRFL	74	~YCAVAIIMAEVCTEALPLAVIAI	74	PILEPIMGVDASeVCEI	74
SDCT2	73	~TATONQALWAYRFL	73	~YCAVAIIMAEVCTEALPLAVIAI	73	PILEPIMGVDASeVCEI	73
INDY	72	~TATONQALWAYRFL	72	~YCAVAIIMAEVCTEALPLAVIAI	72	PILEPIMGVDASeVCEI	72
INDY-2	71	~TATONQALWAYRFL	71	~YCAVAIIMAEVCTEALPLAVIAI	71	PILEPIMGVDASeVCEI	71
hNaDC-1	70	~TATONQALWAYRFL	70	~YCAVAIIMAEVCTEALPLAVIAI	70	PILEPIMGVDASeVCEI	70
SDCT1	69	~TATONQALWAYRFL	69	~YCAVAIIMAEVCTEALPLAVIAI	69	PILEPIMGVDASeVCEI	69
SDCT2	68	~TATONQALWAYRFL	68	~YCAVAIIMAEVCTEALPLAVIAI	68	PILEPIMGVDASeVCEI	68
INDY	67	~TATONQALWAYRFL	67	~YCAVAIIMAEVCTEALPLAVIAI	67	PILEPIMGVDASeVCEI	67
INDY-2	66	~TATONQALWAYRFL	66	~YCAVAIIMAEVCTEALPLAVIAI	66	PILEPIMGVDASeVCEI	66
hNaDC-1	65	~TATONQALWAYRFL	65	~YCAVAIIMAEVCTEALPLAVIAI	65	PILEPIMGVDASeVCEI	65
SDCT1	64	~TATONQALWAYRFL	64	~YCAVAIIMAEVCTEALPLAVIAI	64	PILEPIMGVDASeVCEI	64
SDCT2	63	~TATONQALWAYRFL	63	~YCAVAIIMAEVCTEALPLAVIAI	63	PILEPIMGVDASeVCEI	63
INDY	62	~TATONQALWAYRFL	62	~YCAVAIIMAEVCTEALPLAVIAI	62	PILEPIMGVDASeVCEI	62
INDY-2	61	~TATONQALWAYRFL	61	~YCAVAIIMAEVCTEALPLAVIAI	61	PILEPIMGVDASeVCEI	61
hNaDC-1	60	~TATONQALWAYRFL	60	~YCAVAIIMAEVCTEALPLAVIAI	60	PILEPIMGVDASeVCEI	60
SDCT1	59	~TATONQALWAYRFL	59	~YCAVAIIMAEVCTEALPLAVIAI	59	PILEPIMGVDASeVCEI	59
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INDY	57	~TATONQALWAYRFL	57	~YCAVAIIMAEVCTEALPLAVIAI	57	PILEPIMGVDASeVCEI	57
INDY-2	56	~TATONQALWAYRFL	56	~YCAVAIIMAEVCTEALPLAVIAI	56	PILEPIMGVDASeVCEI	56
hNaDC-1	55	~TATONQALWAYRFL	55	~YCAVAIIMAEVCTEALPLAVIAI	55	PILEPIMGVDASeVCEI	55
SDCT1	54	~TATONQALWAYRFL	54	~YCAVAIIMAEVCTEALPLAVIAI	54	PILEPIMGVDASeVCEI	54
SDCT2	53	~TATONQALWAYRFL	53	~YCAVAIIMAEVCTEALPLAVIAI	53	PILEPIMGVDASeVCEI	53
INDY	52	~TATONQALWAYRFL	52	~YCAVAIIMAEVCTEALPLAVIAI	52	PILEPIMGVDASeVCEI	52
INDY-2	51	~TATONQALWAYRFL	51	~YCAVAIIMAEVCTEALPLAVIAI	51	PILEPIMGVDASeVCEI	51
hNaDC-1	50	~TATONQALWAYRFL	50	~YCAVAIIMAEVCTEALPLAVIAI	50	PILEPIMGVDASeVCEI	50
SDCT1	49	~TATONQALWAYRFL	49	~YCAVAIIMAEVCTEALPLAVIAI	49	PILEPIMGVDASeVCEI	49
SDCT2	48	~TATONQALWAYRFL	48	~YCAVAIIMAEVCTEALPLAVIAI	48	PILEPIMGVDASeVCEI	48
INDY	47	~TATONQALWAYRFL	47	~YCAVAIIMAEVCTEALPLAVIAI	47	PILEPIMGVDASeVCEI	47
INDY-2	46	~TATONQALWAYRFL	46	~YCAVAIIMAEVCTEALPLAVIAI	46	PILEPIMGVDASeVCEI	46
hNaDC-1	45	~TATONQALWAYRFL	45	~YCAVAIIMAEVCTEALPLAVIAI	45	PILEPIMGVDASeVCEI	45
SDCT1	44	~TATONQALWAYRFL	44	~YCAVAIIMAEVCTEALPLAVIAI	44	PILEPIMGVDASeVCEI	44
SDCT2	43	~TATONQALWAYRFL	43	~YCAVAIIMAEVCTEALPLAVIAI	43	PILEPIMGVDASeVCEI	43
INDY	42	~TATONQALWAYRFL	42	~YCAVAIIMAEVCTEALPLAVIAI	42	PILEPIMGVDASeVCEI	42
INDY-2	41	~TATONQALWAYRFL	41	~YCAVAIIMAEVCTEALPLAVIAI	41	PILEPIMGVDASeVCEI	41
hNaDC-1	40	~TATONQALWAYRFL	40	~YCAVAIIMAEVCTEALPLAVIAI	40	PILEPIMGVDASeVCEI	40
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INDY	37	~TATONQALWAYRFL	37	~YCAVAIIMAEVCTEALPLAVIAI	37	PILEPIMGVDASeVCEI	37
INDY-2	36	~TATONQALWAYRFL	36	~YCAVAIIMAEVCTEALPLAVIAI	36	PILEPIMGVDASeVCEI	36
hNaDC-1	35	~TATONQALWAYRFL	35	~YCAVAIIMAEVCTEALPLAVIAI	35	PILEPIMGVDASeVCEI	35
SDCT1	34	~TATONQALWAYRFL	34	~YCAVAIIMAEVCTEALPLAVIAI	34	PILEPIMGVDASeVCEI	34
SDCT2	33	~TATONQALWAYRFL	33	~YCAVAIIMAEVCTEALPLAVIAI	33	PILEPIMGVDASeVCEI	33
INDY	32	~TATONQALWAYRFL	32	~YCAVAIIMAEVCTEALPLAVIAI	32	PILEPIMGVDASeVCEI	32
INDY-2	31	~TATONQALWAYRFL	31	~YCAVAIIMAEVCTEALPLAVIAI	31	PILEPIMGVDASeVCEI	31
hNaDC-1	30	~TATONQALWAYRFL	30	~YCAVAIIMAEVCTEALPLAVIAI	30	PILEPIMGVDASeVCEI	30
SDCT1	29	~TATONQALWAYRFL	29	~YCAVAIIMAEVCTEALPLAVIAI	29	PILEPIMGVDASeVCEI	29
SDCT2	28	~TATONQALWAYRFL	28	~YCAVAIIMAEVCTEALPLAVIAI	28	PILEPIMGVDASeVCEI	28
INDY	27	~TATONQALWAYRFL	27	~YCAVAIIMAEVCTEALPLAVIAI	27	PILEPIMGVDASeVCEI	27
INDY-2	26	~TATONQALWAYRFL	26	~YCAVAIIMAEVCTEALPLAVIAI	26	PILEPIMGVDASeVCEI	26
hNaDC-1	25	~TATONQALWAYRFL	25	~YCAVAIIMAEVCTEALPLAVIAI	25	PILEPIMGVDASeVCEI	25
SDCT1	24	~TATONQALWAYRFL	24	~YCAVAIIMAEVCTEALPLAVIAI	24	PILEPIMGVDASeVCEI	24
SDCT2	23	~TATONQALWAYRFL	23	~YCAVAIIMAEVCTEALPLAVIAI	23	PILEPIMGVDASeVCEI	23
INDY	22	~TATONQALWAYRFL	22	~YCAVAIIMAEVCTEALPLAVIAI	22	PILEPIMGVDASeVCEI	22
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INDY	17	~TATONQALWAYRFL	17	~YCAVAIIMAEVCTEALPLAVIAI	17	PILEPIMGVDASeVCEI	17
INDY-2	16	~TATONQALWAYRFL	16	~YCAVAIIMAEVCTEALPLAVIAI	16	PILEPIMGVDASeVCEI	16
hNaDC-1	15	~TATONQALWAYRFL	15	~YCAVAIIMAEVCTEALPLAVIAI	15	PILEPIMGVDASeVCEI	15
SDCT1	14	~TATONQALWAYRFL	14	~YCAVAIIMAEVCTEALPLAVIAI	14	PILEPIMGVDASeVCEI	14
SDCT2	13	~TATONQALWAYRFL	13	~YCAVAIIMAEVCTEALPLAVIAI	13	PILEPIMGVDASeVCEI	13
INDY	12	~TATONQALWAYRFL	12	~YCAVAIIMAEVCTEALPLAVIAI	12	PILEPIMGVDASeVCEI	12
INDY-2	11	~TATONQALWAYRFL	11	~YCAVAIIMAEVCTEALPLAVIAI	11	PILEPIMGVDASeVCEI	11
hNaDC-1	10	~TATONQALWAYRFL	10	~YCAVAIIMAEVCTEALPLAVIAI	10	PILEPIMGVDASeVCEI	10
SDCT1	9	~TATONQALWAYRFL	9	~YCAVAIIMAEVCTEALPLAVIAI	9	PILEPIMGVDASeVCEI	9
SDCT2	8	~TATONQALWAYRFL	8	~YCAVAIIMAEVCTEALPLAVIAI	8	PILEPIMGVDASeVCEI	8
INDY	7	~TATONQALWAYRFL	7	~YCAVAIIMAEVCTEALPLAVIAI	7	PILEPIMGVDASeVCEI	7
INDY-2	6	~TATONQALWAYRFL	6	~YCAVAIIMAEVCTEALPLAVIAI	6	PILEPIMGVDASeVCEI	6
hNaDC-1	5	~TATONQALWAYRFL	5	~YCAVAIIMAEVCTEALPLAVIAI	5	PILEPIMGVDASeVCEI	5
SDCT1	4	~TATONQALWAYRFL	4	~YCAVAIIMAEVCTEALPLAVIAI	4	PILEPIMGVDASeVCEI	4
SDCT2	3	~TATONQALWAYRFL	3	~YCAVAIIMAEVCTEALPLAVIAI	3	PILEPIMGVDASeVCEI	3
INDY	2	~TATONQALWAYRFL	2	~YCAVAIIMAEVCTEALPLAVIAI	2	PILEPIMGVDASeVCEI	2
INDY-2	1	~TATONQALWAYRFL	1	~YCAVAIIMAEVCTEALPLAVIAI	1	PILEPIMGVDASeVCEI	1
hNaDC-1	0	~TATONQALWAYRFL	0	~YCAVAIIMAEVCTEALPLAVIAI	0	PILEPIMGVDASeVCEI	0



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FIG. 10



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FIG. 11B



FIG. 11D

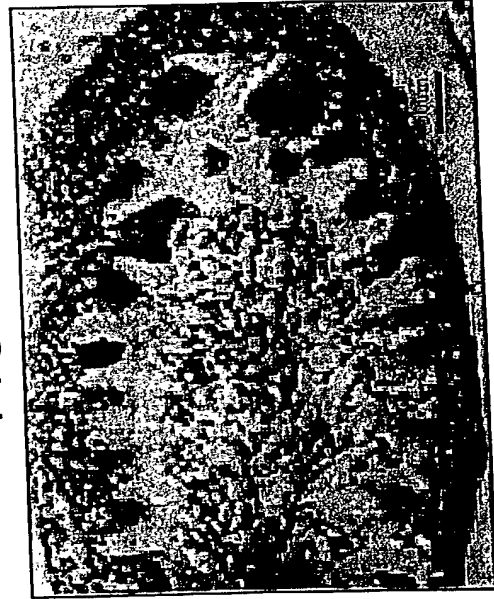


FIG. 11A



FIG. 11C





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FIG. 12B



FIG. 12D



FIG. 12A



FIG. 12C





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FIG. 13

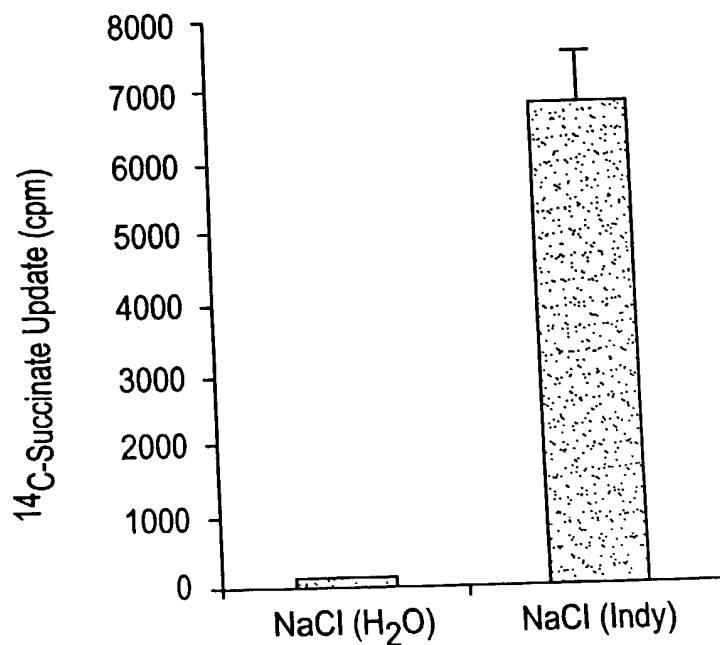
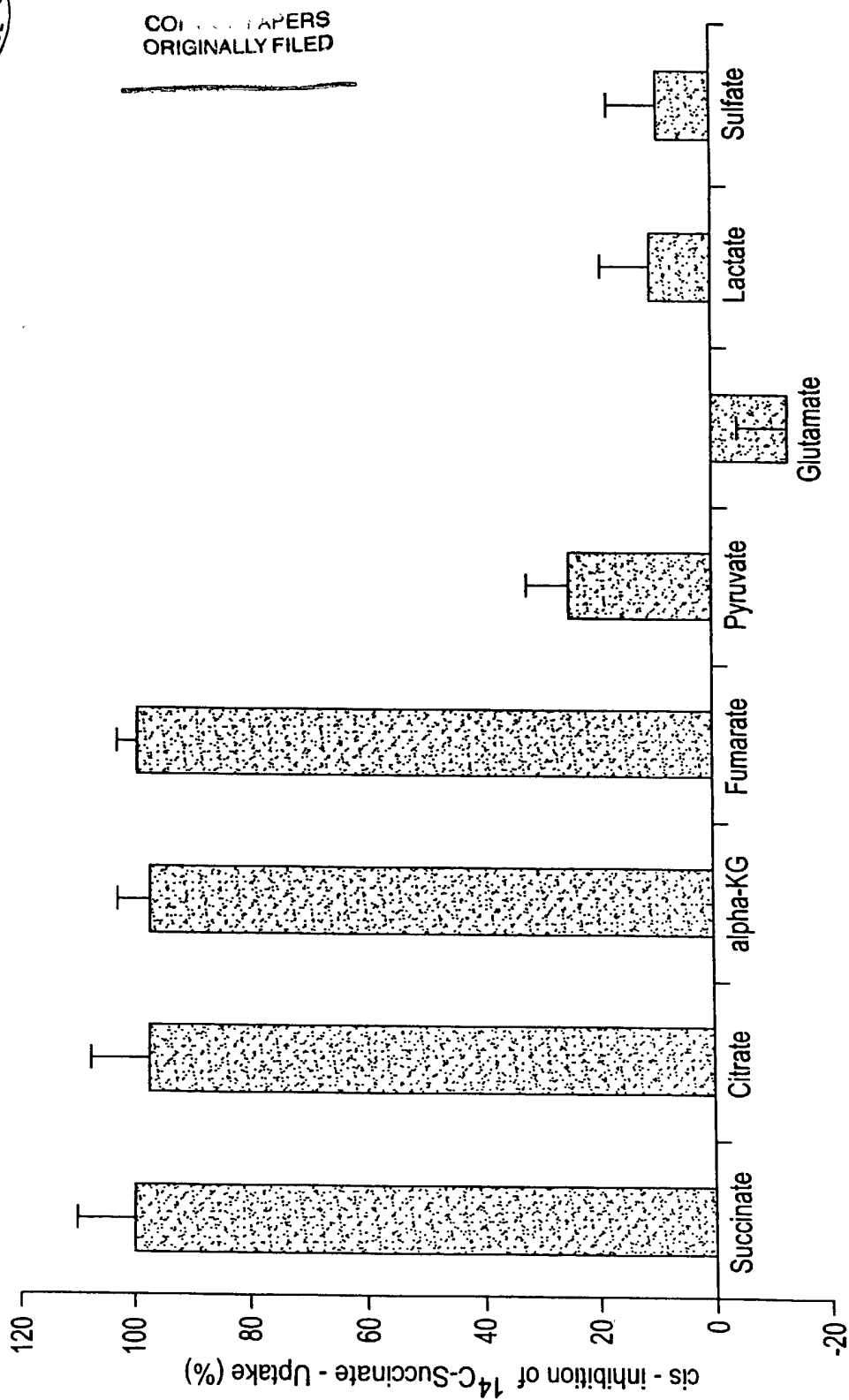




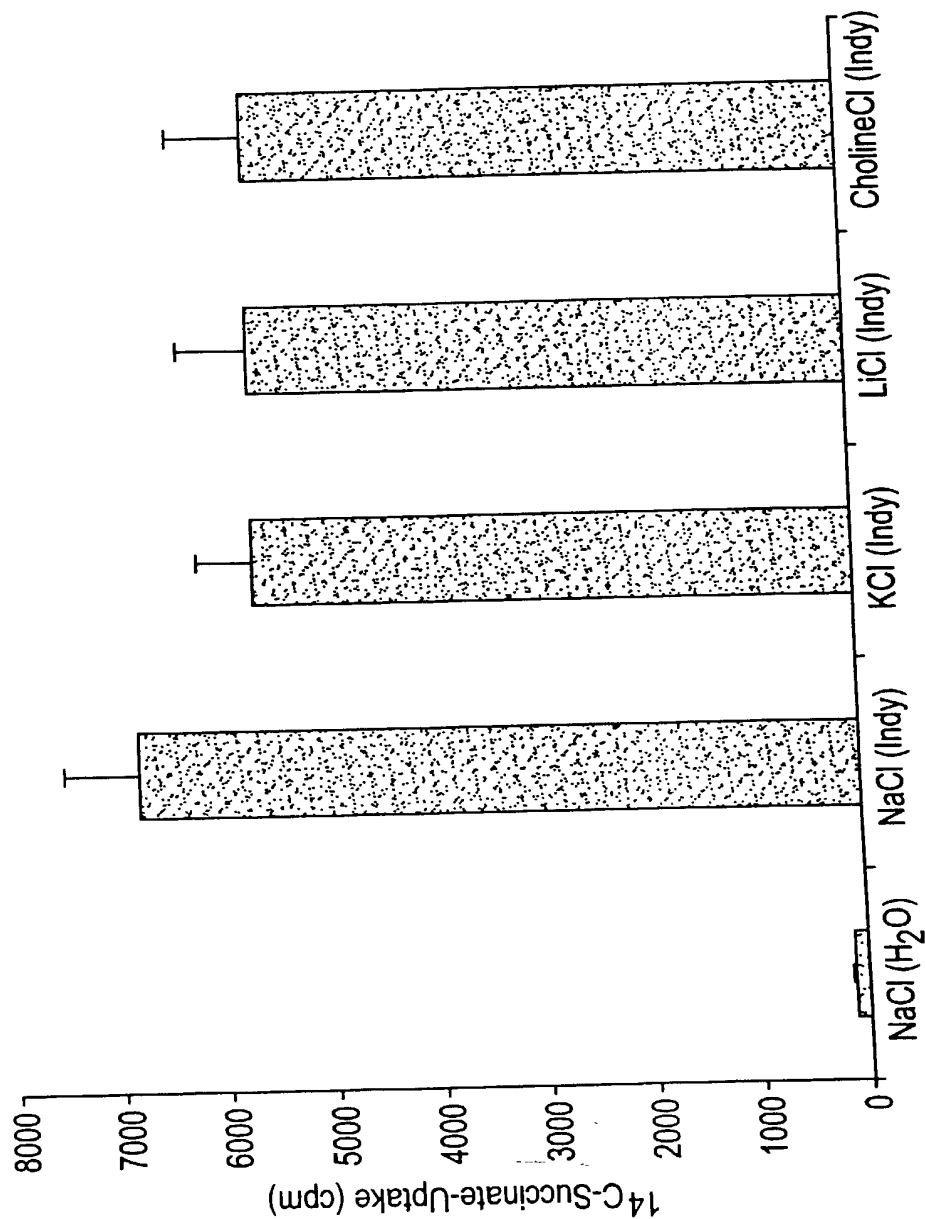
FIG. 14





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FIG. 15

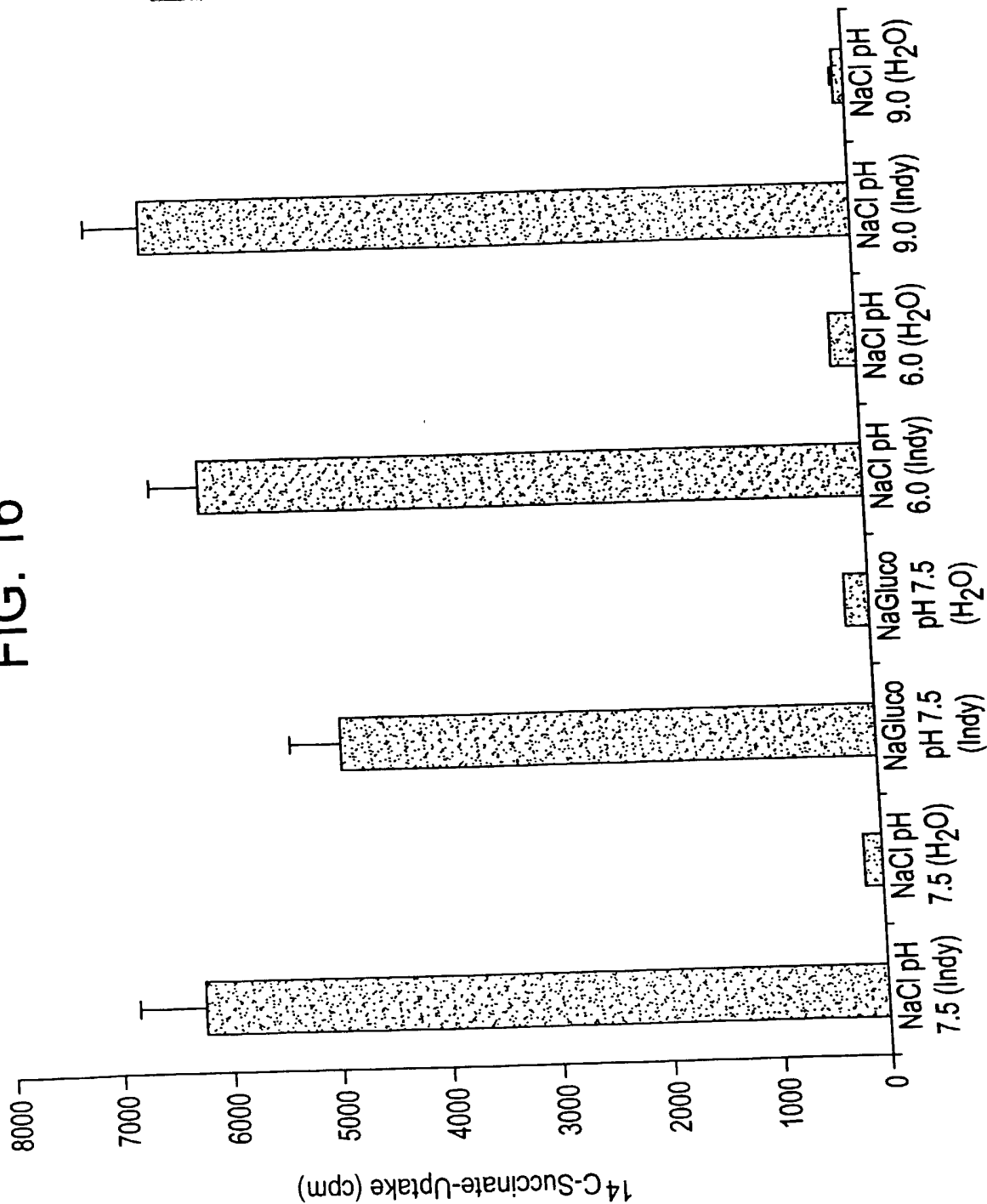




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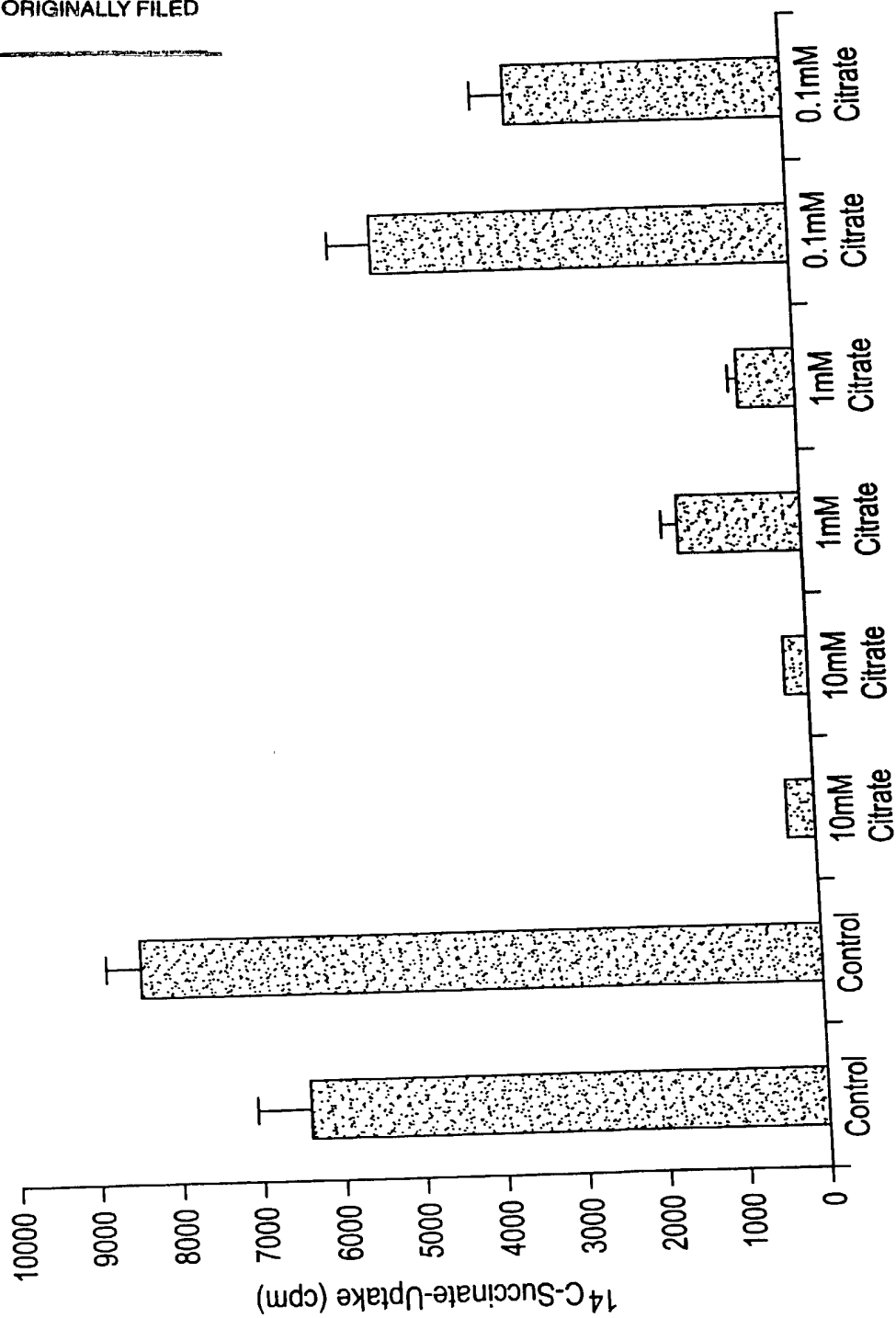
FIG. 16





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FIG. 17

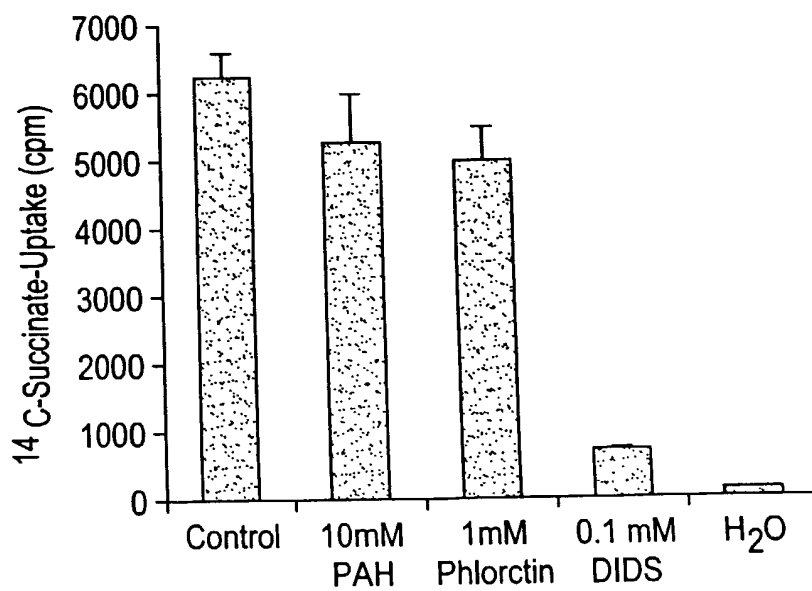




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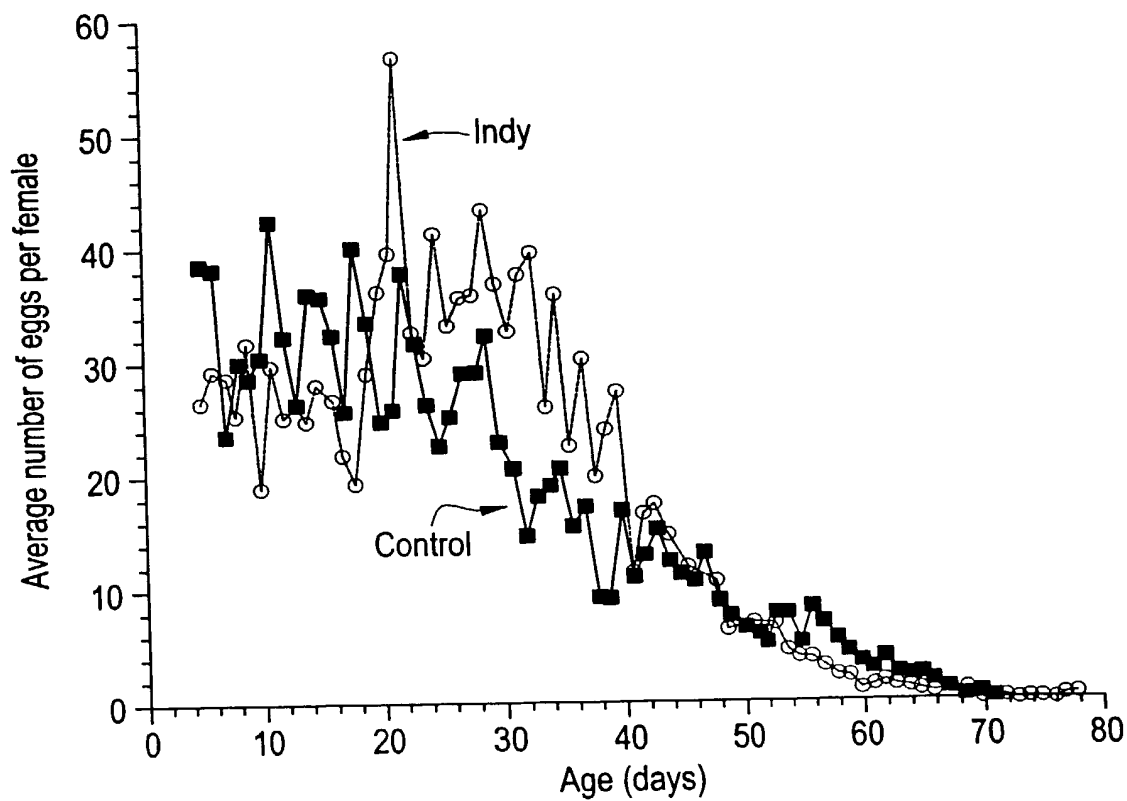
FIG. 18





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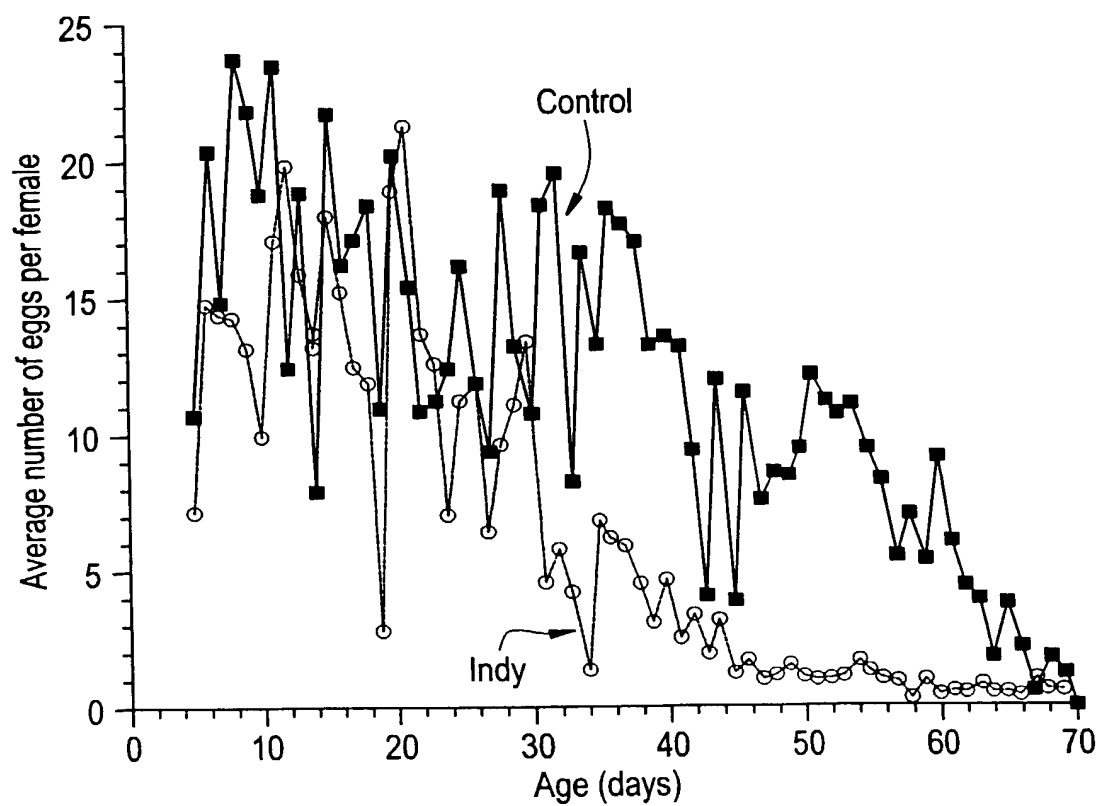
FIG. 19





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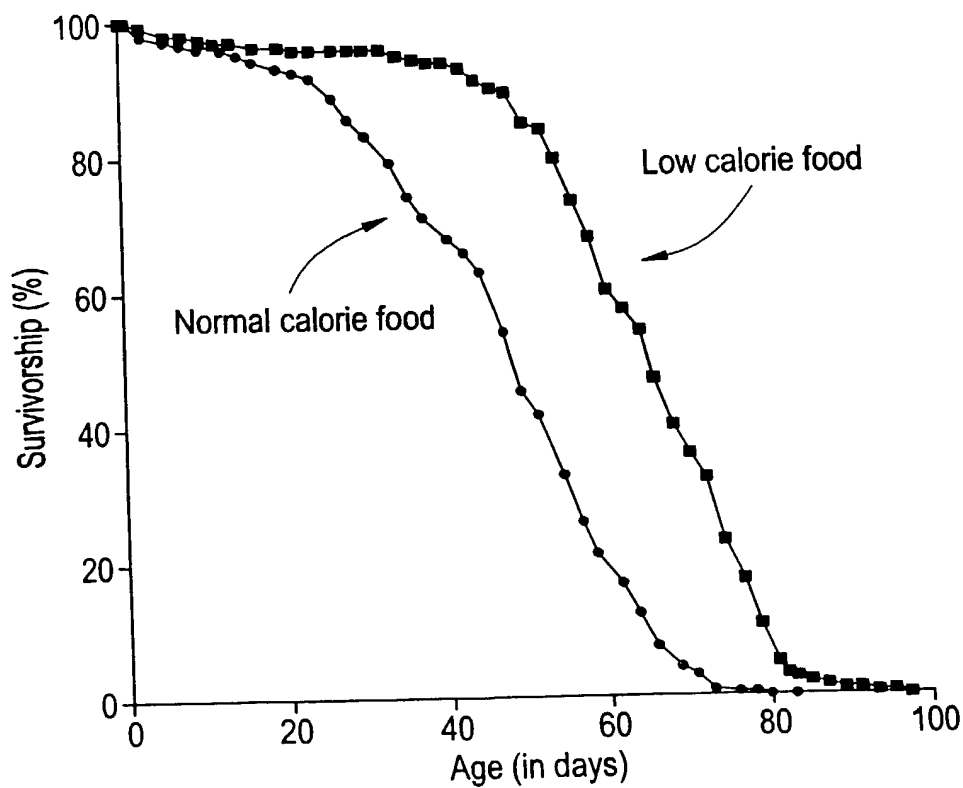
FIG. 20





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FIG. 21





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FIG. 22

